Math Review Part 4
Phenomenal Fractions

1. Juan's mother gave him a recipe for trail mix, which included $\frac{5}{8}$ cup cereal, $\frac{1}{3}$ cup peanuts, $\frac{1}{4}$ cup almonds, and $\frac{1}{2}$ cup raisins. Put the fractions in order from least to greatest in the boxes below.

Least ☐ ☐ ☐ ☐ Greatest

2. Are the following fractions equal to (=), less than(<), or greater than (>) each other? Write the appropriate symbol on the line provided. Show your math thinking.

$\frac{3}{8}$ ___ $\frac{12}{24}$ $\frac{6}{20}$ ___ $\frac{3}{10}$ $\frac{6}{7}$ ___ $\frac{18}{21}$ $\frac{12}{16}$ ___ $\frac{3}{5}$

3. Write an X on the line next to the pairs of fractions that are equivalent. Show your thinking or calculations.

_____ $\frac{4}{5}$ and $\frac{8}{12}$ _____ $\frac{2}{3}$ and $\frac{10}{15}$ _____ $\frac{2}{7}$ and $\frac{6}{20}$

4. In fifteen minutes, Edgar walked $\frac{3}{5}$ of a mile, Jackie walked $\frac{3}{4}$ of a mile, and Pranav walked $\frac{1}{2}$ a mile. Compare the distances walked by each person. Who walked the furthest, and who walked the shortest distance? Show your math thinking.

_____ walked the most.   _____ walked the least.

5. List 3 equivalent fractions for $\frac{6}{9}$. One should be in simplest form.

_____, _____, _____

6. Sasha plays the piano. She spends $\frac{1}{4}$ of an hour practicing scales and $\frac{1}{3}$ of an hour practicing songs for her recital. Circle **Yes** or **No** for each statement.

YES NO   12 can be a common denominator of $\frac{1}{4}$ and $\frac{1}{3}$.

YES NO   The amount of time spent on scales can be written as $\frac{3}{12}$.

YES NO   The amount of time spent practicing songs can be written as $\frac{6}{12}$.

8. Find the product. Simplify your answer and write it in the corresponding line.

$6 \times \dfrac{1}{4} =$ $\dfrac{4}{7} \times 3 =$ $10 \times \dfrac{3}{8} =$
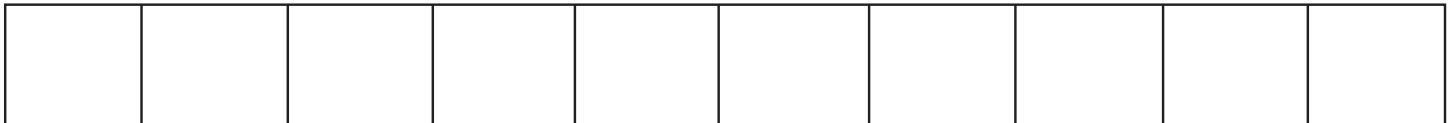
Answer: _____   Answer: _____   Answer: _____

9. Mr. Rosenberry loves jam, and has a great jam recipe. He uses $2\dfrac{1}{2}$ pounds of strawberries and $1\dfrac{1}{2}$ pounds of blueberries to make one batch of jam! How many pounds does he need altogether to make one batch of jam? Show your math thinking.

Answer: _____

10. There is a carnival with lots of fun activities at the middle school! One tenth of the carnival activities are dunk tanks. Student exhibits make up $\dfrac{5}{10}$ of the activities and games take up $\dfrac{4}{10}$ of the carnival. On the model below, show by careful shading, what fraction of the carnival is **dunk tanks and games**. Also write the answer on the answer line.

Answer: _____

11. Mrs. Sabo made $16\dfrac{2}{3}$ pounds of tortellini for a staff luncheon. At the end of the luncheon, she had $3\dfrac{1}{3}$ pounds left. How many pounds of tortellini were eaten by the hungry teachers? Show your work.

Answer: _____